

PATENT
DP-301063

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sayeed A. Mir et al.)
Serial No.: 10/056,634) Examiner: Lair, Donald M.
Filing Date: 01/23/2002) Group Art Unit: 2858
Title: CURRENT DETERMINATION IN A)
PERMANENT MAGNET ELECTRIC MACHINE)

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INFORMATION DISCLOSURE STATEMENT

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Applicants respectfully request consideration and recordation of the reference(s) and/or information on attached form PTO-1449 in the present application, for which a request for continued examination under 37 CFR 1.114 has been concurrently filed herewith.

A European search report issued August 5, 2004 in counterpart European Patent application No. EP 00963552.5 is also hereby disclosed.

If any additional fee or additional amount of fee is required in connection with this submission, please charge the appropriate fee to Delphi Technologies Deposit Account No. 50-0831.

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INFORMATION DISCLOSURE CITATION WITH DOCUMENT COPIES

Atty. Docket No. DP-301063	Serial No. 10/056,634
Applicant Sayeed A. Mir et al.	
Filing Date 01/23/2002	Group 2858

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U.S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Sub Class	Filing Date (if approp.)
	5361210	11/01/1994	Fu			
	5459732	10/17/1995	Wise et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No
0822648	02/04/1998	EP			
0841574	05/13/1998	EP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"Single Current Sensor Technique in the DC Link of Three-Phase PWM-VS Inverters: A Review and a Novel Solution", IEEE Transactions on Industry Applications, Vol. 33, No. 5, Sept/Oct 1997, pages 1241-1253, Frede Blaabjerg, John K. Pedersen, Ulrik Jaeger, and Paul Thøgersen

"Single Sensor Current Control of AC Servodrives Using Digital Signal Processors", Power Electronics and Applications, Vol. 4, Sept. 13, 1993, pages 415-421, J.F. Moynihan, S. Bolognani, R.C. Kavanagh, M.G. Egan, J.M.D. Murphy

Examiner

Date Considered

***Examiner: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 96 3552

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

21-07-2004

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**SUPPLEMENTARY
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Application Number

EP 00 96 3552

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	BLAABJERG, F.; PEDERSEN, J.K.; JAEGER, U.; THOEGERSEN, P.: "Single current sensor technique in the DC link of three-phase PWM-VS inverters: a review and a novel solution" IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol. 33, no. 5, September 1997 (1997-09), - October 1997 (1997-10) pages 1241-1253, XP002289234 * figures 6,7,10,14,15 * * page 1248, column 1; figure 1 *	1,16	G01P3/48 H02P6/08 H02P6/14 B62D5/04
X	* page 1246, column 1252; figures 10,12-15,17 *	2-15, 17-62	
X	MOYNIHAN, J.F.; BOLOGNANI, S.; KAVANAGH, R.C.; EGAN, M.G.; MURPHY, J.M.D.: "Single sensor current control of AC servodrives using digital signal processors" POWER ELECTRONICS AND APPLICATIONS, vol. 4, 13 September 1993 (1993-09-13), - 16 September 1993 (1993-09-16) pages 415-421, XP002289235 * page 419, column 1; figures 1,4-6; tables 1,2 * * pages 416-419; figure 1 *	1,16	
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Place of search Munich		Date of completion of the search 21 July 2004	Examiner Kanelis, K
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document	

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Application Number
EP 00 96 3552

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 21 July 2004	Examiner Kanelis, K
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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